Georgia Flood M.A.P. Program

Flood Risk Review Meeting
Camden, Glynn, Long & McIntosh Counties

August 19
UGA Marine Ext.
715 Bay
Brunswick, GA 31520
Georgia Flood M.A.P. Program

Positioning State Program to align with FEMA's Risk MAP Program

- Increase focus on risk assessment and planning
- Continue partnerships with Federal, State, and Local Agencies
- Acquire and utilize high accuracy topographic data
- Deliver risk products and datasets

Advanced Outreach Program
- Outreach Guidebooks
- Increased Community Engagement
- Robust Website (www.georgiadfirm.com)
Georgia Coastal Project

- Updated Hydrology & Hydraulics
- LiDAR Data
- Incorporating local studies
- Revised FIRM & FIS Study Reports
- Non-Regulatory Flood Risk Products

Partners

- FEMA, GA DNR, GEMA, Local Governments
- GA DNR Mapping Partners
  - CDM Smith
  - Dewberry
  - Atkins
- FEMA Mapping Partners
  - Taylor Engineering
# Georgia Flood M.A.P. Activities

- Multi-Agency Coordination
- Increased Community Engagement & Outreach
- Developing Risk Products
- Datasets
- Website Enhancements

## Project Meetings Held

<table>
<thead>
<tr>
<th>Meeting</th>
<th>Date</th>
<th>Location</th>
</tr>
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<tbody>
<tr>
<td>Multi-Agency Kickoff Meeting</td>
<td>November 8, 2010</td>
<td>Brunswick Historic City Hall, Brunswick, GA</td>
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<tr>
<td>Scoping Meeting</td>
<td>November 15, 2010</td>
<td>Brunswick Historic City Hall, Brunswick, GA</td>
</tr>
<tr>
<td>Project Kickoff Meeting</td>
<td>October 20, 2011</td>
<td>City Hall, Garden City, GA</td>
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<tr>
<td>Technical Update Meeting</td>
<td>April 8, 2013</td>
<td>Online Webinar</td>
</tr>
<tr>
<td>Storm Surge Analysis Update Meeting</td>
<td>May 8, 2014</td>
<td>Coastal College of Georgia</td>
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Project Milestones

PRELIMINARY PROCESSING

- Agency Coordination Meeting
- Scoping Meeting
- Community Project Kick-off Meeting
- Survey & H&H Modeling

POST PRELIMINARY PROCESSING

- Preliminary FIRMs & FIS
- 90-Day Appeal Period
- FEMA & GA DNR resolve appeals & protests
- FEMA issues Letter of Final Determination
- Resilience Meeting
- Six Month Compliance Period (Ordinance Updates)
- EDG FIRM
Long County Scope of Work
McIntosh County Scope of Work
Risk Communication

GA DNR Flood M.A.P. Website
Risk MAP Products
E-Newsletter to help keep stakeholders informed
Contact Database
Georgia DNR Outreach Planning Guidebook
  - Sample notification letters
  - Informational brochures/fact sheets
  - Phased suggested outreach schedule
Planning for Mitigation

- Community Hazard Mitigation Plan
- Mitigation Funding Resource Guide
- Types of Mitigation
  - Prevention
  - Structural Projects
  - Property Protection
  - Education and Awareness
- GEMA
  - http://gema.ga.gov/
- Resilience Meeting
Project Next Steps

October 2015
- Preliminary products distributed to affected communities

November 2015
- Preliminary DFIRM Community Coordination Meeting
- Flood Risk Open House

Spring 2016
- 90-Day Appeal Period

Summer - Fall 2016
- 6-month Compliance Period

Fall 2016
- Effective Products
- New Flood Insurance/Updated Flood Elevation requirements for permitting take effect
### Activity

<table>
<thead>
<tr>
<th>Activity</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>30-day Review</td>
<td>Allows affected communities to review the preliminary FIRMs and Flood Insurance Study (FIS), identify any minor issues, and address revisions accordingly.</td>
</tr>
<tr>
<td>Consultation Coordination Officers (CCO) meeting and Open House</td>
<td>Meeting organized by GA DNR with the local officials followed by a Flood Map Open House for the public to view the preliminary FIRMs. The Flood Map Open House will be announced in the community’s local newspaper.</td>
</tr>
<tr>
<td>90-day public comment period (Appeals Period)</td>
<td>Allows citizens to appeal changes in flood zones, floodways and base flood elevations, based on scientific or technical issues.</td>
</tr>
<tr>
<td>Letter of Final Determination (LFD)</td>
<td>Stating the preliminary FIRM will become effective in six months. Community must adopt a compliant floodplain management ordinance by the maps’ effective date.</td>
</tr>
<tr>
<td>Six-month compliance period</td>
<td>After the preceding steps are complete and the six-month compliance period ends, the FIRMs are considered effective maps and new building and flood insurance requirements become effective.</td>
</tr>
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Risk Communication

Georgia DNR Flood M.A.P. Website
- Risk MAP Products
- E-Newsletter to help keep stakeholders informed
- Contact Database

Georgia DNR Outreach Planning Guidebook
- Sample notification letters
- Informational brochures/fact sheets
- Phased suggested outreach schedule

Educational Videos
- An Outreach Guide for Community Officials
- A Georgia Property Owner’s Guide to Assessing Flood Risk
Outreach Guidebook & Video

Acronym and Abbreviation Table
Process Overviews
- Discovery
- Data Development
- Preliminary Development
- Post Preliminary Processes
Resources
Outreach Materials & Templates
- Fact Sheets
- Public Talking Points
- Press Release Templates
- Sample Property Owner Letters
- Mapping Project Brochure Template
- Example Mapping Web Page

GEORGIA FLOOD MAP
Mapping Assessment & Planning
Property Owner Notifications

- Uses Change Dataset to identify impacted property owners
- Word™ based template letters used to auto-generate letters
- Letters can be generated for any or all categories

COMMON FLOOD RISK STATUS CHANGES

- NONE
  - The Flood Hazard Data is shown on the preliminary Flood Hazard Presidential Study Map. The map shows the flood emergency area of the Georgia Flood Hazard Map (SFHA). The area shown will not apply to property owners. The general flood insurance requirements may apply to your property if flood insurance is required in the future.

- 100-YEAR SFHA DECREASE
  - The Flood Hazard Data is shown on the preliminary Flood Hazard Presidential Study Map. The map shows the flood emergency area of the Georgia Flood Hazard Map (SFHA). The area shown will not apply to property owners. The general flood insurance requirements may apply to your property if flood insurance is required in the future.

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RECEIVES NOTIFICATION AND INFORMATION FOR HOMEOWNERS WITH A 100-YEAR SFHA INCREASE

RECEIVES NOTIFICATION AND INFORMATION FOR HOMEOWNERS WITH A 100-YEAR SFHA DECREASE

AFFECTED PARCEL LIST AND UPDATED STATUS

100-YEAR SFHA INCREASE

100-YEAR SFHA DECREASE

NONE

GEOGRAPHIC COMPARISON

PARCELS

HANGS SINCE LAST FIRM
Who needs flood insurance? Federal flood insurance is required by most lenders for buildings mapped in the High-risk Special Flood Hazard Areas (SFHAs) shown on flood hazard maps. Flood insurance is available to homeowners, renters, condo owners/renters, and commercial owners/renters within SFHAs participating communities. Costs vary depending on how much insurance is purchased, what it covers, and the property’s flood risk.

What is the Special Flood Hazard Area (SFHA)? The SFHA is that portion of the floodplain subject to inundation by the 1% Annual Chance flood and/or flood-related wind hazards. These high-risk areas are shown on the FIRM as Zones A, AE, AH, AO, AR, and AS.

Not in a mapped floodplain? Unfortunately it’s often after a flood that many people discover that their home or business does not cover flood damage. Approximately 25% of all flood damage occurs in moderate and low risk zones, commonly described as being “outside the mapped flood zone.”

Nature Doesn’t Read Flood Maps

Even people don’t understand just how perilous flood-prone areas can be. There are stories of flood damage to homes that are only feet away from the mapped floodplain. The city of New Orleans was once a port city that was completely flooded during a 5-year period.

For more information, please visit:

http://floodsmart.gov

Flood Risk Info

<table>
<thead>
<tr>
<th>Panel ID</th>
<th>13187C0153C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current Flood Zone</td>
<td>X</td>
</tr>
<tr>
<td>Proposed Flood Zone</td>
<td>AE</td>
</tr>
<tr>
<td>Flood Zone Change Type</td>
<td>SFHA Increase</td>
</tr>
<tr>
<td>Probability of flooding over 30 yr Period</td>
<td>N/A</td>
</tr>
</tbody>
</table>
Contact Management System

Georgia DFIRM Contact Management System

Georgia Department for Natural Resources recognizes that coordinated outreach is vital to the success of floodplain management. To foster effective communication across the state, the Georgia Flood MAP program has created this powerful tool to collect, manage, and organize floodplain management stakeholders.

Searchable by name, title, organization, and geography, the Contact Management System provides fast access to a growing roster of Georgia's Flood MAP staff, Floodplain Administrators, community officials, and others.

Contacts
To provide an initial list of contacts, the Georgia Flood MAP staff preloaded our contact information into the system. Every effort is made to ensure correctness.

Both Users and Contacts are indexed by geography and searchable in the system.

Users
If a person in the preloaded contact list registers, the system will link the contact profile to the user's login. The new user can edit their contact details.

How Do I?
- Find a contact?
- Print/Export a list of contacts?
- Create a new contact?
- Update contact information?
- Edit my user information?
- Change my assigned Geography?

http://cms.georgiadfirm.com
## Community Point of Contact Review

<table>
<thead>
<tr>
<th>Map Repository</th>
<th>CEO</th>
<th>Floodplain Administrator</th>
</tr>
</thead>
<tbody>
<tr>
<td>City Hall 465 Riley Road</td>
<td>Mayor Gary McCullough 465</td>
<td>Chris Head Planning &amp; Zoning Administrator 465 Riley Road Dahlonoga, GA 30533</td>
</tr>
<tr>
<td>Dahlonega, GA 30533</td>
<td>Riley Road Dahlonega, GA 30533</td>
<td>Dahlonega, GA 30533</td>
</tr>
<tr>
<td>County Courthouse Attn: Planning 99 Courthouse Hill Dahlonega, GA 30533</td>
<td>Chairman Chris Dockery Board of Commissioners 99 Courthouse Hill, Suite H Dahlonega, GA 30533</td>
<td>Larry Reiter Director of Planning &amp; Public Works 25 Short Street, Suite 10 Dahlonega, GA 30533</td>
</tr>
</tbody>
</table>
Contacts

State NFIP Coordinator
Tom Shillock, CFM
Tom.Shillock@dnr.ga.gov
404-651-8496

GA DNR Project Manager
Todd Harris, PMP, CFM
Todd.Harris@dnr.ga.gov
404-651-8504

Mapping Project Manager
Onur Celik, P.E., CFM
CelikO@cdmsmith.com
312-780-7741
Breakout Sessions